



STIC Search Report

EIC 3600

STIC Database Tracking Number: 94803

TO: Eric Nicholson
Location: 8A25
Art Unit : 3679
Tuesday, January 25, 2005

Case Serial Number: 10/443730


From: Etelka Griffin
Location: EIC 3600
PK5-Suite 804
Phone: 308-4211

Etelka.griffin@uspto.gov

Search Notes

LITIGATION SEARCH

#
6234541

Source: [Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant Patents](#) 
Terms: [patno=6234541](#) ([Edit Search](#))

228921 (09) 6234541 May 22, 2001

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6234541

♦ [Get Drawing Sheet 1 of 13](#)

[Access PDF of Official Patent *](#)

[Check for Patent Family Report PDF availability *](#)

* Note: A transactional charge will be incurred for downloading an Official Patent or Patent Family Report. Your acceptance of this charge occurs in a later step in your session. The transactional charge for downloading is outside of customer subscriptions; it is not included in any flat rate packages.

[Link to Claims Section](#)

May 22, 2001

U-bolt clamp for sealing lap joints

APPL-NO: 228921 (09)

FILED-DATE: January 11, 1999

GRANTED-DATE: May 22, 2001


ASSIGNEE-AT-ISSUE: Donaldson Company, Inc., Minneapolis, Minnesota, 02

ASSIGNEE-AFTER-ISSUE: April 6, 1999 - ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS)., DONALDSON COMPANY, INC 1400 WEST 94TH STREET MINNEAPOLIS, MINNESOTA 55431,, Reel and Frame Number: 009877/0673

CORE TERMS: saddle, shim, clamp, curved, leg, concave, projection, pipe, retaining, conduit ...

ENGLISH-ABST:

The present disclosure relates to guillotine clamp including a U-bolt mounted on a saddle member. The U-bolt has a concave portion that opposes a corresponding concave portion of the saddle member. At least one curved shim is positioned between the concave portions of the U-bolt and the saddle member to provide both sealing and clamping of a lap joint.

Source: [Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant Patents](#) 

Terms: [patno=6234541](#) ([Edit Search](#))

View: **Custom**

Segments: [Abst](#), [Assign-type](#), [Assignee](#), [English-abst](#), [Reissue](#)

Date/Time: Tuesday, January 25, 2005 - 3:58 PM EST

[About LexisNexis](#) | [Terms and Conditions](#)

*Patent Cases from Federal
Courts and Administrative
Materials*

No Documents Found!

No documents were found for your search (6234541 OR 6,234,541).
Click the "Edit Search" button below to try again. You may want to
try one or more of the following:

- Check for spelling errors.
- Remove some search terms.
- Use a less restrictive date range.
- Use more common search terms. "Suggested Words and Concepts" are displayed on the search form when you click on Edit Search.

[Edit Search](#)

[About LexisNexis](#) | [Terms and Conditions](#)

[Copyright ©](#) 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

No Documents Found!

No documents were found for your search (6234541 or 6,234,541).
Click the "Edit Search" button below to try again. You may want to try one or more of the following:

- Check for spelling errors.
- Remove some search terms.
- Use a less restrictive date range.
- Use more common search terms. "Suggested Words and Concepts" are displayed on the search form when you click on Edit Search.

[Edit Search](#)

[About LexisNexis](#) | [Terms and Conditions](#)

[Copyright ©](#) 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

Query/Command : PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image

Patent Number :

US6234541 B1 20010522 [US6234541]

Title :

(B1) U-bolt clamp for sealing lap joints

Patent Assignee :

(B1) DONALDSON CO INC (US)

Patent Assignee :

Donaldson Company, Inc., Minneapolis MN [US]

Inventor(s) :

(B1) HERMAN JOHN T (US); SHIELDS JAMES P (US); WAGNER WAYNE M (US);
PROTAS MICHAEL J (US)

Application Nbr :

US22892199 19990111 [1999US-0228921]

Filing Details :

C.I.P. of US025895 19980218 [1998US-0025895] (Abandoned)

Priority Details :

US22892199 19990111 [1999US-0228921]

US2589598 19980218 [1998US-0025895]

Intl Patent Class :

(B1) F16L-021/06

EPO ECLA Class :

F01N-007/18B

F16L-025/04

US Patent Class :

ORIGINAL (O) : 285197000; CROSS-REFERENCE (X) : 024277000 285199000
285420000

Document Type :

Corresponding document

Citations :

USD273938; US1162595; US1783509; US2433289; US2719345; US3022561;
US3409259; US3735950; US3879815; US3955250; US4063700; US4113289;
US4122586; US4141577; US4143844; US4183122; US4209155; US4270689;
US4365399; US4388749; US4415188; US4479288; US4485530; US4488334;
US4506418; US4558891; US4629226; US4640536; US4930732; US5014940;
US5215281; CA656476; CH677817 A5; DE1113615; EP0449738 A1; FR1558373

Publication Stage :

(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

Abstract :

The present disclosure relates to guillotine clamp including a U-bolt mounted on a saddle member. The U-bolt has a concave portion that opposes a corresponding concave portion of the saddle member. At least one curved shim is positioned between the concave portions of the U-bolt and the saddle member to provide both sealing and clamping of a lap joint.

Update Code :

2001-23

1 / 1 INPADO - ©INPADO

Patent Number :

US 6234541 BA 20010522 [US6234541]

Title :

U-BOLT CLAMP FOR SEALING LAP JOINTS

Inventor(s) :

WAGNER WAYNE M [US]; HERMAN JOHN T [US]; PROTAS MICHAEL J [US]; SHIELDS
JAMES P [US]

Patent Assignee (Words) :

DONALDSON CO INC [US]

Application Details :

US 228921/99-A 19990111 [1999US-0228921]

Priority Details :

US 228921/99-A 19990111 [1999US-0228921]

US 25895/98-B2 19980218 [1998US-0025895]

Intl. Patent Class. :

F16L-021/06